

fluid in said tube for sensing said property of said fluid in said tube.

15. (NEW) The apparatus of claim 14 wherein said sealing surface comprises a level surface.

16. (NEW) The apparatus of claim 14 wherein said domed portion of said tube comprises a bend in said entire tube.

17. (NEW) The apparatus of claim 14 wherein said domed portion of said tube comprises an outward bulge on one side of said tube.

18. (NEW) The apparatus of claim 14 wherein said sealing surface comprises the wall of said tube.

19. (NEW) The apparatus of claim 14 including adhering means for adhering said sensor to said sealing surface.

20. (NEW) The apparatus of claim 14 wherein said sensor comprises a sensor selected from the group consisting of a temperature sensor, a pressure sensor, a flow meter, and a conductivity sensor.

21. (NEW) The apparatus of claim 15 including a leveled-off planar portion of said wall of said tube on said outer side of said domed portion thereby providing said lateral access opening.

22. (NEW) The apparatus of claim 21 wherein said leveled-off planar portion of said wall comprises a ground-off portion thereof.

23. (NEW) The apparatus of claim 14 wherein said tube is elastic.

24. (NEW) The apparatus of claim 14 wherein said tube is flexible.

25. (NEW) The apparatus of claim 14 wherein said tube is rigid.

26. (NEW) The apparatus of claim 25 wherein said tube comprises a material selected from the group consisting of metal, plastic and glass.

27. (NEW) A dialysis monitor including apparatus for measuring a property of a fluid as set forth in claim 1.